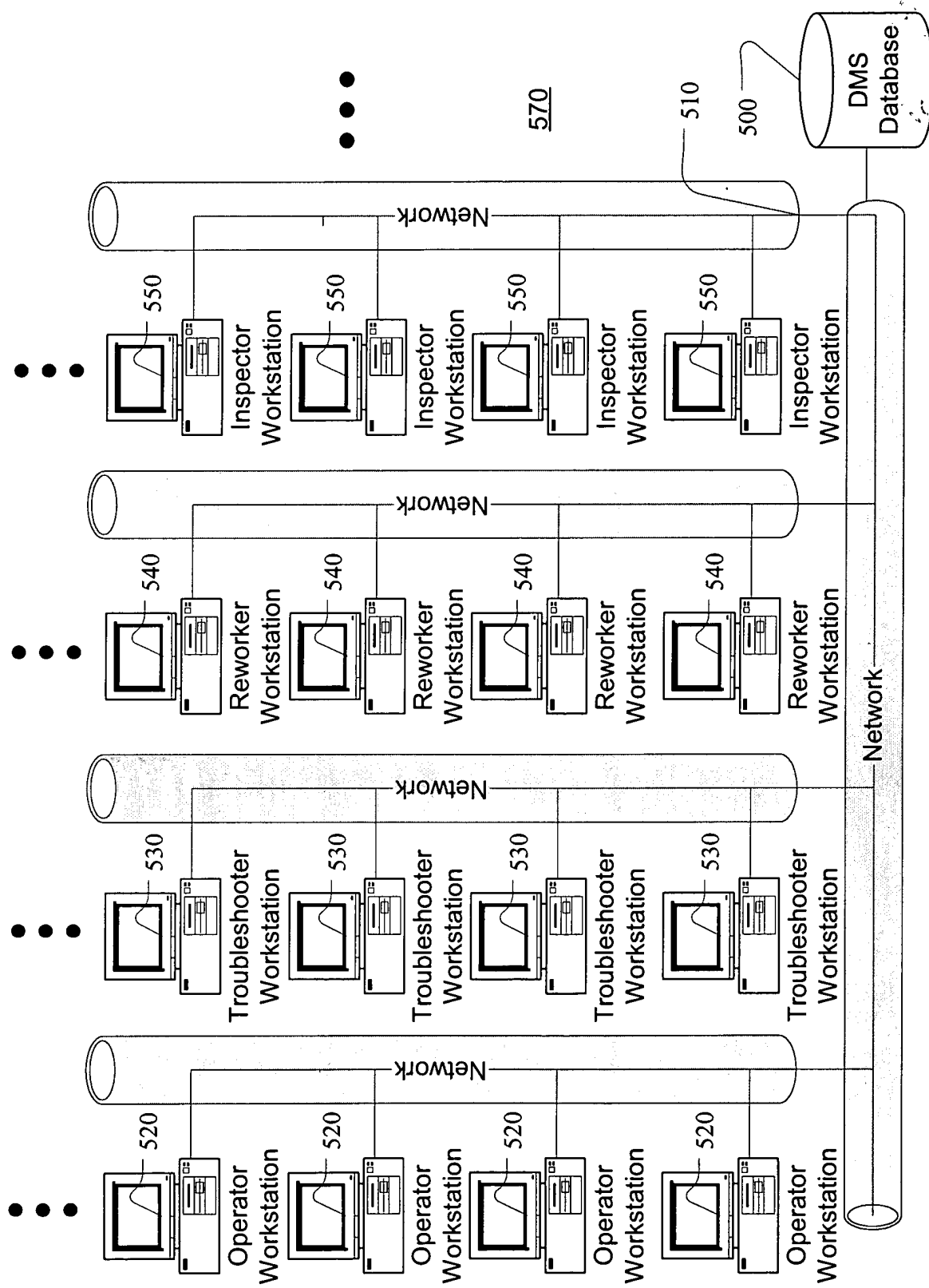


Figure 1



## Figure 2

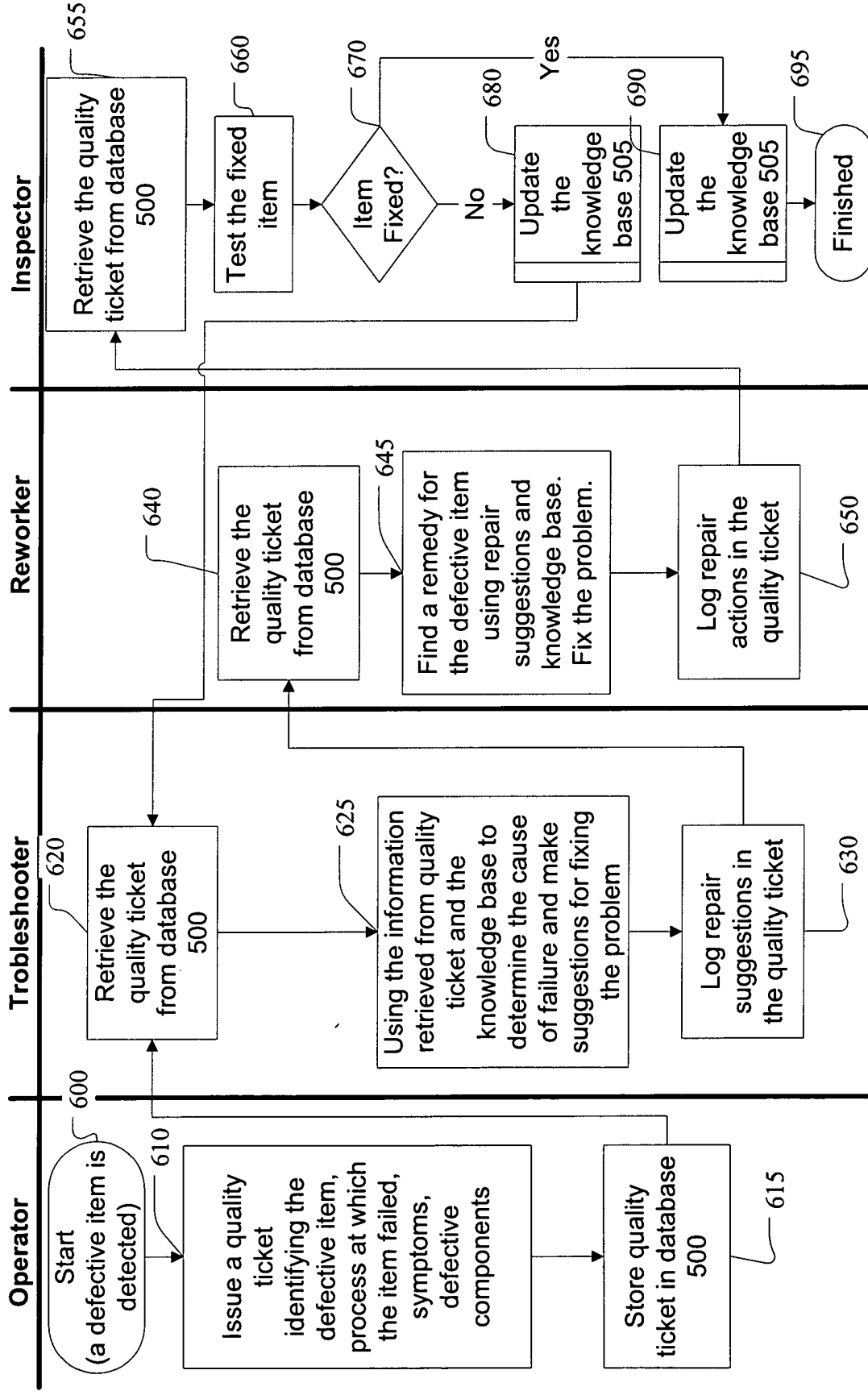


Figure 3

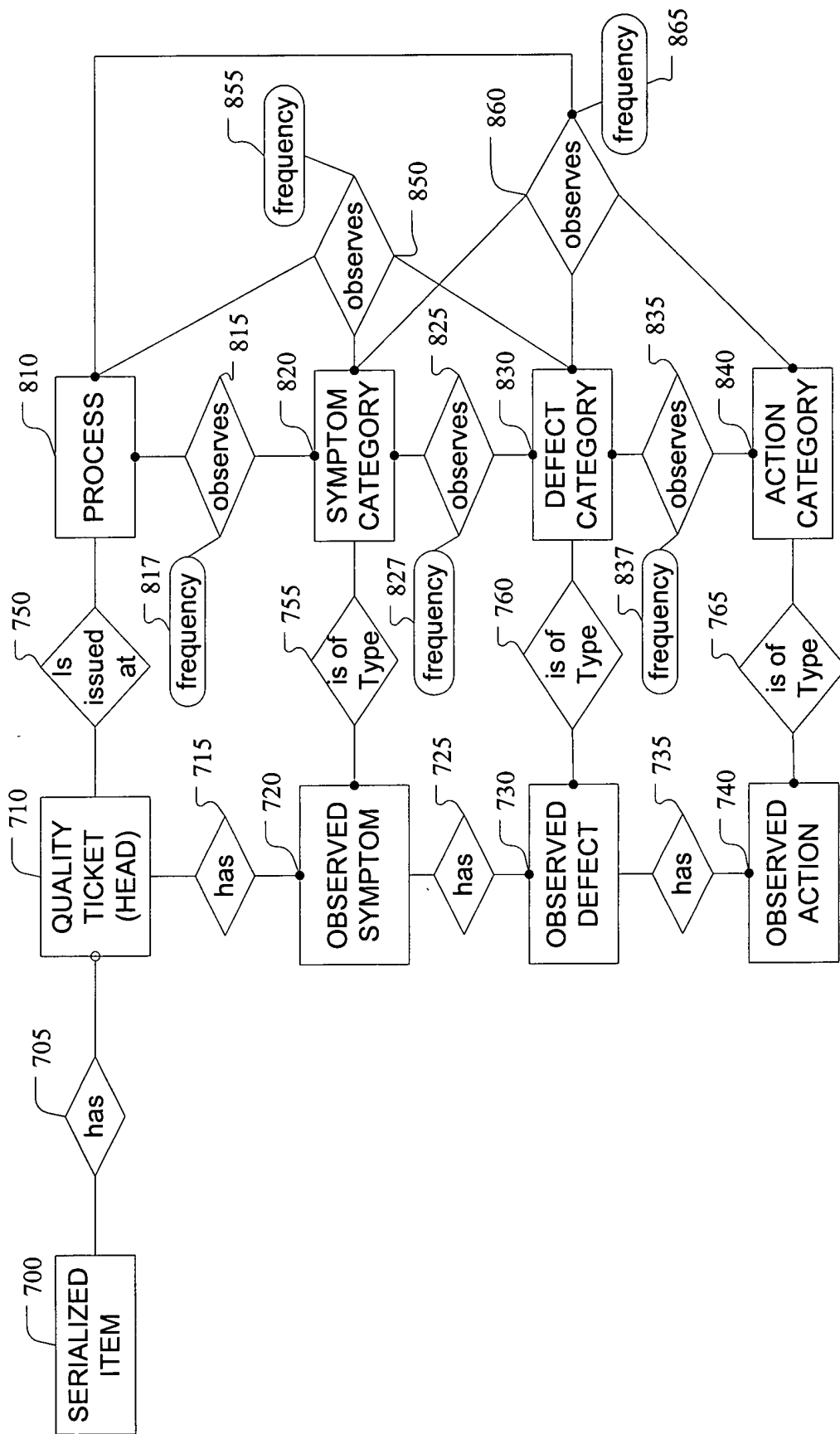


Figure 4

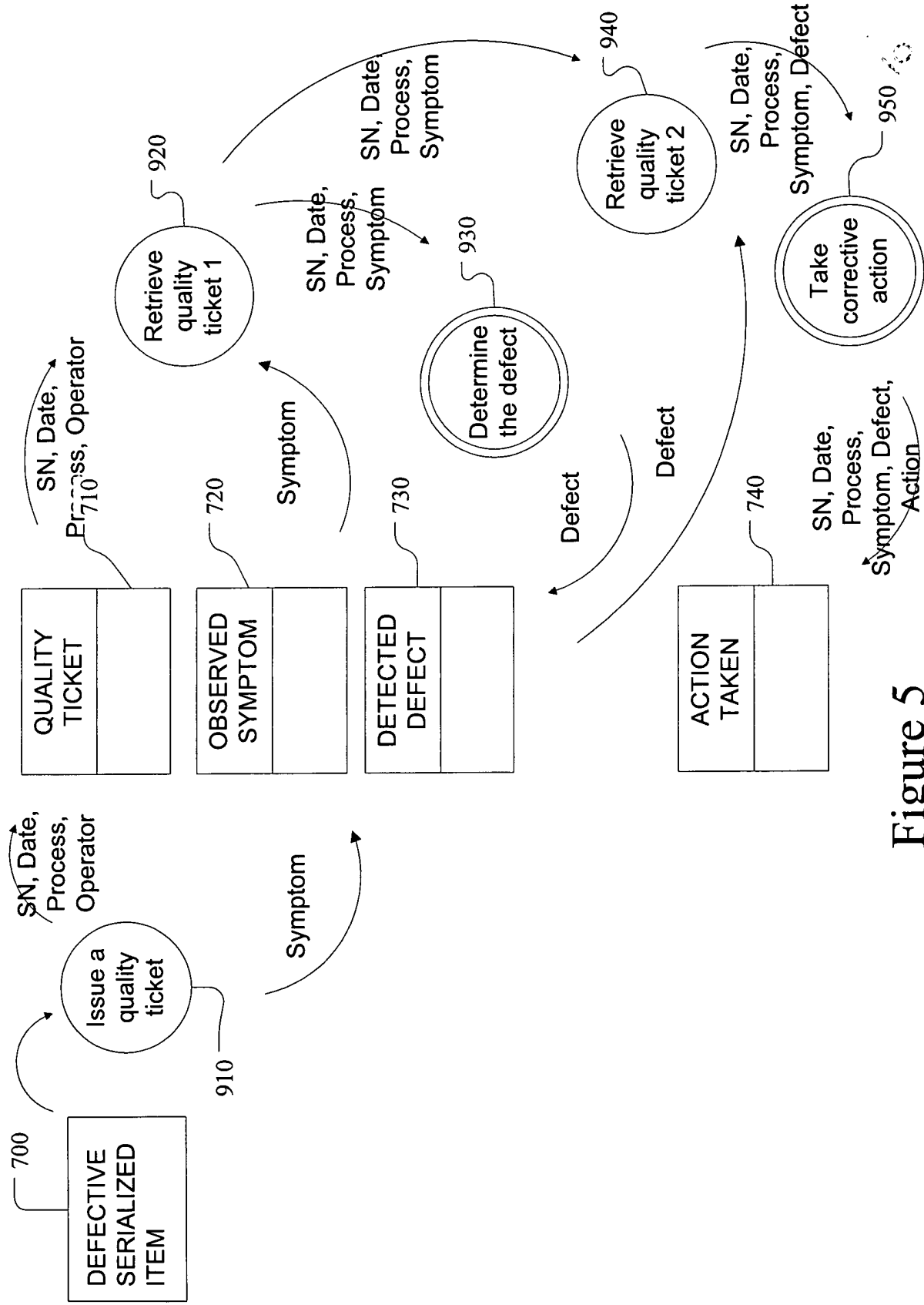


Figure 5

## Figure 6a

**Defect Management System (V 1.4.0) - Quality Ticket**

**Serial Number:**

**Ticket:**

**LookUp**

**Serialized Item Factory Data**

**Application**

**Part Number**

**Description**

**Revision**

**Symptom**

**Area Of Operation:** **System Test**

**Process (Test Stage):** **CIAO 1**

**Process Step (Test):** **DT**

**Comment:**

**Quality Ticket Explorer** **OCS Support** **System Test** **Save** **Cancel/New** **Defect** **No Defect** **Close**

**7** **CIENA\dmstestuser1, CIENA\dmstestuser1**

Figure 6b

Quality Ticket (V 1.2.2)

Serial Number

M00000001

Lookup

Ticket

Get Info

Module Info

Application

Flowork (RW)

Part Number

120-0465-920

Description

ADMM DROP (13,14,15,16) 93,7THRU194

Revision

000

Close Quality Ticket

Area Of Operation

10G

Symptom

Initiated By:

Process (Test Stage)

01

Symptom Category

N/A

Comment

Testing

Justification

Module Application

Rework (RW)

DKS Ticket

Save

Cancel

Area Of Operation

10G

Quality Ticket Explorer

OCS Support

Area of Operation: 6

Current Operator: CIENANIMDUARRA, CIENANIMDUARRA

Save

Cancel/New

Defect

No Defect

Close

Figure 7



FOI b7 - D T S E 3 2 3 5 0

Quality Ticket Explorer

Serial Number: M00000001   ☒ Both ☐ Opened ☐ Closed

Module Info:  
Description: ADM1 DROP(13,14,15,16)193.7THRU194  
Part Number: 130-0468-900  
Revision: 001  
Application: Rework (Rw)

Quality Ticket(s): 101

Serial Number	Status	Time
663	[CLOSED]	4:53:00 PM
Test: OET1-Termination BER Test		
TestStage: OET1 Test		
664	[CLOSED]	5:20:00 PM
1277	[CLOSED]	11:00:00 AM
4895	[OPEN]	1:23:00 AM
4896	[OPEN]	1:25:00 AM
4897	[CLOSED]	11:45:00 AM
4900	[CLOSED]	4:18:00 PM
4901	[CLOSED]	5:05:00 PM
4902	[CLOSED]	5:06:00 PM
4903	[CLOSED]	5:20:00 PM
4904	[CLOSED]	5:28:00 PM
4905	[CLOSED]	5:29:00 PM
4906	[OPEN]	5:51:00 PM
4908	[CLOSED]	2:41:00 PM
4909	[OPEN]	2:44:00 PM
4910	[CLOSED]	2:46:00 PM
4911	[CLOSED]	2:48:00 PM
4912	[CLOSED]	2:55:00 PM
4913	[CLOSED]	2:57:00 PM

Quality Ticket: 663  
ON/A -> N/A  
Fiber Defects -> Broken Fiber  
Fiber -> Remove & Replace  
Software Defects -> Wrong Software at Test Station  
Visual -> Secure

Action: Visual -> Secure  
Operator: Niakam Kazemi  
Time: 5:11:43 PM  
Workstation: OCS\_W501  
Comment:  
Components:  
Feedback: Problem was fixed

Close

Figure 8

10

15

20

25

27

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35

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45

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60

65

70

80

90

75

85

95

110

115

120

130

135

Quality Ticket

Serial Number

M00000002

Ticket

420

Close Quality Ticket

Lookup

Get info

Module Info

Application

Part Number

Description

File #

Revision

13000468-907

001

ADMIN

13.14.15.16.193.7THRU184

Symptoms

Initiated By:

Process (First Stage)

Symptom Category

Comment

QET1 Test

N/A

N/A

Testing

Process Step (Test)

Symptom

QET1-Initialize Module

N/A

Quality Ticket Explorer

Area of Operation: 1

Current Operator: CIENA\mmdiana.ciena@mmdiana

Save

Cancel/Reset

Defect

No Defect

Close

Figure 9

096251-0000

**Figure 10a**

140

70

80

90

50

75

85

7a

Defect/Action Information for Quality Ticket: Ticket#: 4895 [SN: M00000001; PN: 130-0466-900; Rev: 001 ]

Operator:

C:\ENA\dmstestuser1, CIENA\dmstestuser1

Process (Test Stage):

OT1 - Rx

Symptom Category:

1-N/A

Area of Operation:

10G

Process Step (Test):

Rx grating test

Symptom:

N/A

Comment:

Defect

Defect Category:

Components:

Comment:

Troubleshooting Guide

Save

Component

Defect

Defect:

300

285

220

315

310

320

335

360

350

7

System Test

C:\ENA\dmstestuser1, CIENA\dmstestuser1

Feedback

Close

To get the detailed information on each defect double click on the corresponding row or click on the Feedback button

Status	Defect Category	Defect	Reference Designator(s)
Not Fixed	Component Defects	Damaged	YERE, EEE
No Action	Component Defects	Damaged	tmdd
No Action	Component Defects	Damaged	
No Action	Component Defects	Damaged	GGG, DFDD, DDD

Figure 10b



140

70

80

295

50

75

85

8a

200

380

305

390

315

310

320

360

350

Defect/Action Information for Quality Ticket: Ticket#: 4895 [SN: M0000001; PN: 130-0466-900; Rev: 001]

Operator: CIENA\dmstestuser1

Process (Test Stage): OT1 - Rx

Symptom Category: 1-N/A

Comment:

Area of Operation: 10G

Process Step (Test): RX grating test

Symptom: N/A

Defect

Action

Action Category: Testing2

Components:

Comment:

Testing2 Step

Action:

Save

To get the detailed information on each defect double click on the corresponding row or click on the Feedback button

Status	Defect Category	Defect	Reference Designator(s)
Not Fixed	Component Defects	Damaged	YERE, EEE
No Action	Component Defects	Damaged	tmdd
No Action	Component Defects	Damaged	GGG, DFDD, DDD
No Action	Component Defects	Damaged	

Feedback

Close

7

System Test

CIENA\dmstestuser1

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

$$\begin{array}{ccccccc} & & & & & & 8 \\ & & & & & & \cap \\ & & & & & & 85 \\ & & & & & & \cap \\ & & & & & & 75 \\ & & & & & & \cap \\ & & & & & & 80 \\ & & & & & & \cap \\ & & & & & & 70 \\ & & & & & & \cap \\ & & & & & & 295 \end{array}$$
350

## Figure 12

70 80 295 75 85 9

Defect/Action Information for Quality Ticket: Ticket#: 4016 [SIM: M00000002; PN: 130-0466-900; Rev: 001]

Quality Ticket

Symptom Info

Process (Test Stage)

Symptom Category

Comment

TS Test

N/A

Testing (to ignore)

Process Step (Test)

Symptom

N/A

Inited by: CENAMVincenzo, CENAMVincenzo

Defect

Action Category

Component

Comment

Action

Remarks: CENAMVincenzo, CENAMVincenzo

Feedback

☐ Problem was fixed
 ☐ Problem was not fixed

Save

Cancel

Defect List and Details

Defect Category

Fiber Defects

Defect

Broken Fiber

Technician

Log Date/Time

08:45:00 PM

Feedback

☐ Problem was fixed
 ☐ Problem was not fixed

Save

Area of Operation: 1

Current Operator: CENAMVincenzo, CENAMVincenzo

Figure 13 397



335 Detailed information for defect: 3305 140 280 285 321

Troubleshooter: Kazemi-1, Niakam

Defect Category: Component Defects

Defect: Damaged

RD(s): YERE, EEE

Comment:

322

380 Reworker: Kazemi-1, Niakam

335 Action Category: Components

Action: Cleaned

385

RD(s):

Comment:

323

☒ Problem was not fixed

This box is to provide the system with feedback on whether the problem with the item has been fixed or not. This information is being checked when closing the quality ticket. If the quality ticket contains a defect with no corresponding action showing 'Problem was fixed' the ticket cannot be closed.

☐ Problem was fixed

☒ Problem was not fixed

324

350 Save Feedback

Close

364

366

Figure 14

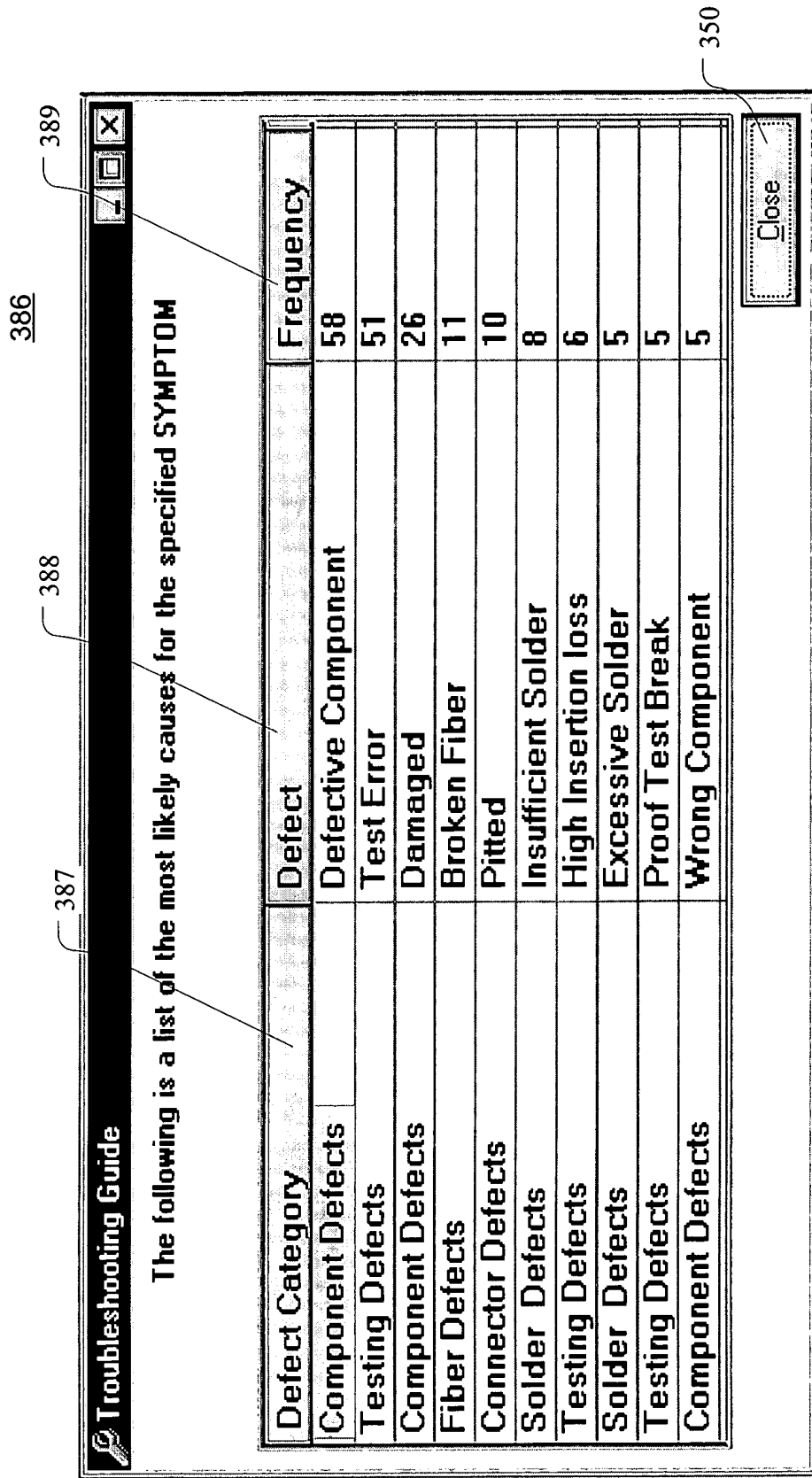


Figure 15